

ABSTRACT

5 A system, method, and computer program product which allows passwords, passcodes, PINs, and other secure information to be entered into a graphical user interface without interception. The user enters the secure code by moving a cursor and selecting characters or symbols on a GUI screen, through the use of a mouse, touchscreen, lightpen, or other conventional device. Between each selection, the GUI characters and symbols are re-arranged on the GUI screen, so that even if the user's cursor manipulation is captured, the secure code cannot be reconstructed or reproduced. The preferred embodiment is particularly drawn to a secure system, method, and
10 computer program product for entering a PIN number in an automated teller machine (ATM) application running on a data processing system.

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